

EXHIBIT N



Connecticut Commission on Culture & Tourism

May 26, 2010

Historic Preservation
and Museum Division

One Constitution Plaza
Second Floor
Hartford, Connecticut
06103

860.256.2800
860.256.2763 (f)

Ms. Laura L. Mancuso
EBI Consulting
21 B Street
Burlington, MA 01803

Subject: Proposed Telecommunications Facility
158 Edison Road (adjacent Merritt Parkway)
Trumbull, Connecticut
T-Mobile

Dear Ms. Mancuso:

The State Historic Preservation Office is in receipt the above-referenced project, submitted for review and comment pursuant to the National Historic Preservation Act and in accordance with Federal Communications Commission regulations.

After an extensive field review with a balloon float of the proposed installation site, this office has determined that while the facility will be constructed adjacent to the Merritt Parkway, a property listed on the National Register of Historic Places, the undertaking will have no adverse effect on cultural resources, given the extremely limited visibility from the Parkway.

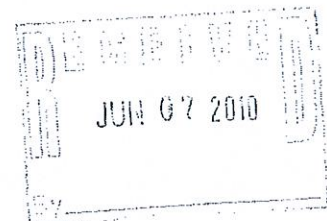
The State Historic Preservation Office appreciates the opportunity to provide EBI with this evaluation. Please contact Susan Chandler, Historical Architect, should you have additional questions concerning this matter.

Sincerely,

David Bahlman
Division Director and
Deputy State Historic Preservation Officer

CONNECTICUT
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November 11, 2010

Ms. Susan Chandler
Environmental Review Coordinator
Connecticut Commission on Culture and Tourism
Amos Bull House
59 South Prospect Street
Hartford, CT 06106

Subject: Addendum to FCC Form 620
CTFF481/ POLICE STA EDISON RD
158 Edison Road, Trumbull, Connecticut 06611-4139
EBI Project #61096787

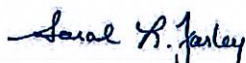
Dear Ms. Chandler:

EBI Consulting (EBI) is preparing an environmental review on behalf of *T-Mobile Northeast LLC* (hereinafter *T-Mobile*), for the property noted above as part of its regulatory review by the Federal Communications Commission (FCC). The review is focused on the National Environmental Policy Act (NEPA) compliance and includes an evaluation of whether historic properties or archaeological sites may be affected by the proposed telecommunications facilities at the address noted above under Section 106 of the National Historic Preservation Act (NHPA).

On May 26, 2010 your office concurred with a "No Adverse Effect on Cultural Resources" determination submitted by EBI Consulting. EBI received revised project drawings, dated May 12, 2010, in which the originally-proposed 550 square-foot fenced compound surrounding the proposed tower has been redesigned as an irregularly-shaped, 490 square-foot fenced compound.

On behalf of *T-Mobile*, I would appreciate your comments regarding the design modifications to the fenced compound for this proposed telecommunications installation in a letter to my attention at the address noted above. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter.

Sincerely,



Ms. Sarah L. Farley
Architectural Historian

Attachments: May 26, 2010 SHPO Response and May 12, 2010 Drawings

November 11, 2010

Ms. Susan Chandler
Environmental Review Coordinator
Connecticut Commission on Culture and Tourism
Amos Bull House
59 South Prospect Street
Hartford, CT 06106

CONCUR
David Allen DEPUTY SHPO
STATE HISTORIC PRESERVATION OFFICE
Date: 11.15.10

**Subject: Addendum to FCC Form 620
CTFF481/ POLICE STA EDISON RD
158 Edison Road, Trumbull, Connecticut 06611-4139
EBI Project #61096787**

Dear Ms. Chandler:

EBI Consulting (EBI) is preparing an environmental review on behalf of *T-Mobile Northeast LLC* (hereinafter *T-Mobile*), for the property noted above as part of its regulatory review by the Federal Communications Commission (FCC). The review is focused on the National Environmental Policy Act (NEPA) compliance and includes an evaluation of whether historic properties or archaeological sites may be affected by the proposed telecommunications facilities at the address noted above under Section 106 of the National Historic Preservation Act (NHPA).

On May 26, 2010 your office concurred with a "No Adverse Effect on Cultural Resources" determination submitted by EBI Consulting. EBI received revised project drawings, dated May 12, 2010, in which the originally-proposed 550 square-foot fenced compound surrounding the proposed tower has been redesigned as an irregularly-shaped, 490 square-foot fenced compound.

On behalf of *T-Mobile*, I would appreciate your comments regarding the design modifications to the fenced compound for this proposed telecommunications installation in a letter to my attention at the address noted above. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter.

Sincerely,

Sarah L. Farley

Ms. Sarah L. Farley
Architectural Historian

Attachments: May 26, 2010 SHPO Response and May 12, 2010 Drawings

July 1, 2011

Ms. Susan Chandler
Environmental Review Coordinator
Connecticut Commission on Culture and Tourism
Amos Bull House
59 South Prospect Street
Hartford, CT 06106

**Subject: Addendum to FCC Form 620
CTFF481 / POLICE STA EDISON RD
158 Edison Road, Trumbull, Connecticut 06611-4139
EBI Project 61112256 (formerly EBI Project #61096787)**

Dear Ms. Chandler:

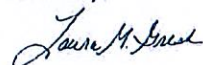
EBI Consulting (EBI) is preparing an environmental review on behalf of T-Mobile Northeast LLC, a Delaware limited liability company, as successor-in-interest to Omnipoint Communications, Inc., a Delaware Corporation (hereinafter T-Mobile), for the property noted above as part of its regulatory review by the Federal Communications Commission (FCC). The review is focused on the National Environmental Policy Act (NEPA) compliance and includes an evaluation of whether historic properties or archaeological sites may be affected by the proposed telecommunications facilities at the address noted above under Section 106 of the National Historic Preservation Act (NHPA).

On May 26, 2010 your office concurred with the "No Adverse Effect on Historic Properties" determination submitted by EBI Consulting. Subsequently, EBI received revised project drawings, dated May 12, 2010, in which the originally-proposed 550 square-foot fenced compound surrounding the proposed tower had been redesigned as an irregularly-shaped, 490 square-foot fenced compound. On November 11, 2010 your office concurred with the "No Adverse Effect on Historic Properties" determination submitted by EBI Consulting.

EBI has received new design plans with change in the mount of antennas. Original plans show a total of 9 antennas mounted on standoff cross arms. Revised plans show antennas (2 sectors with 3 each for a total of 6 antennas) with two TMAs (6 total) to be mounted on double support arm cluster mounts. Based on the new design EBI's findings remain, "No Adverse Effect on Historic Properties".

On behalf of T-Mobile, I would appreciate your comments regarding the design modifications of the mounting of antennas for this proposed telecommunications installation in a letter to my attention at the address noted above. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter.

Sincerely,



Ms. Laura Gresh
Architectural Historian

Attachments: CT SHPO Responses and Revised Project Plans

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United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>



January 3, 2011

To Whom It May Concern:

The U.S. Fish and Wildlife Service's (Service) New England Field Office has determined that individual project review for certain types of activities associated with communication towers is **not required**. These comments are submitted in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Due to the rapid expansion of the telecommunication industry, we are receiving a growing number of requests for review of **existing** and **new** telecommunication facilities in relation to the presence of federally-listed or proposed, threatened or endangered species, critical habitat, wilderness areas and/or wildlife preserves. We have evaluated our review process for proposed communications towers and believe that individual correspondence with this office is not required for the following types of actions relative to **existing** facilities:

1. the re-licensing of existing telecommunication facilities;
2. audits of existing facilities associated with acquisition;
3. routine maintenance of existing tower sites, such as painting, antenna or panel replacement, upgrading of existing equipment, etc.;
4. co-location of new antenna facilities on/in existing structures;
5. repair or replacement of existing towers and/or equipment, provided such activities do not significantly increase the existing tower mass and height, or require the addition of guy wires.

In order to curtail the need to contact this office in the future for individual environmental review for **existing** communication towers or antenna facilities, please note that we are not aware of any federally-listed, threatened or endangered species that are being adversely affected by any existing communication tower or antenna facility in the following states: Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts. Furthermore, we are not aware of any **existing** telecommunication towers in federally-designated critical habitats, wilderness areas or wildlife preserves. Therefore, no further consultation with this office relative to the impact of the above referenced activities on federally-listed species is required.

January 3, 2011

2

Future Coordination with this Office Relative to New Telecommunication Facilities

We have determined that proposed projects are not likely to adversely affect any federally-listed or proposed species when the following steps are taken to evaluate new telecommunication facilities:

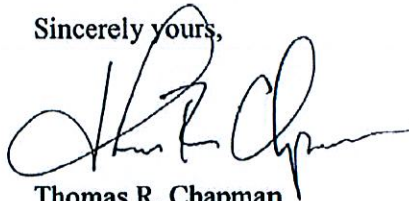
1. If the facility will be installed within or on an existing structure, such as in a church steeple or on the roof of an existing building, no further coordination with this office is necessary. Similarly, new antennas or towers in urban and other developed areas, in which no natural vegetation will be affected, do not require further review.
2. If the above criteria cannot be met, your review of our lists of threatened and endangered species locations within Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts may confirm that no federally-listed endangered or threatened species are known to occur in the town or county where the project is proposed.
3. If a listed species is present in the town or county where the project is proposed, further review of our lists of threatened and endangered species may allow you to conclude that suitable habitat for the species will not be affected. Based on past experiences, we anticipate that there will be few, if any, projects that are likely to impact piping plovers, roseate terns, bog turtles, Jesup's milk-vetch or other such species that are found on coastal beaches, riverine habitats or in wetlands because communication towers typically are not located in these habitats.

For projects that meet the above criteria, there is no need to contact this office for further project review. A copy of this letter should be retained in your file as the Service's determination that no listed species are present, or that listed species in the general area will not be affected. Due to the high workload associated with responding to many individual requests for threatened and endangered species information, we will no longer be providing response letters for activities that meet the above criteria. This correspondence and the species lists remain valid until January 1, 2012. Updated consultation letters and species lists are available on our website:

(<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm>)

Thank you for your cooperation, and please contact Mr. Anthony Tur of this office at 603-223-2541 for further assistance.

Sincerely yours,



Thomas R. Chapman
Supervisor
New England Field Office

**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN CONNECTICUT**

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Fairfield	Piping Plover	Threatened	Coastal Beaches	Westport, Bridgeport and Stratford
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Westport and Stratford
	Bog Turtle	Threatened	Wetlands	Ridgefield and Danbury.
Hartford	Dwarf wedgemussel	Endangered	Farmington and Podunk Rivers	South Windsor, East Granby, Simsbury, Avon and Bloomfield.
Litchfield	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Sharon.
	Bog Turtle	Threatened	Wetlands	Sharon and Salisbury.
Middlesex	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	Westbrook and New London.
	Piping Plover	Threatened	Coastal Beaches	Clinton, Westbrook, Old Saybrook.
	Puritan Tiger Beetle	Threatened	Sandy beaches along the Connecticut River	Cromwell, Portland
New Haven	Bog Turtle	Threatened	Wetlands	Southbury
	Piping Plover	Threatened	Coastal Beaches	Milford, Madison and West Haven
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Branford, Guilford and Madison
	Indiana Bat	Endangered	Mines, Caves	
New London	Piping Plover	Threatened	Coastal Beaches	Old Lyme, Waterford, Groton and Stonington.
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	East Lyme and Waterford.
	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Waterford
Tolland	None			

-Eastern cougar, gray wolf, Indiana bat, Seabeach amaranth and American burying beetle are considered extirpated in Connecticut.

-There is no federally-designated Critical Habitat in Connecticut.

7/31/2008



United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>



January 4, 2010

To Whom It May Concern:

This project was reviewed for the presence of federally-listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

(<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm>)

Based on the information currently available, no federally-listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service (Service) are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under Section 7 of the Endangered Species Act is not required.

This concludes the review of listed species and critical habitat in the project location(s) and environs referenced above. No further Endangered Species Act coordination of this type is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact Mr. Anthony Tur at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

U.S. Fish and Wildlife Service Interim Guidelines for Recommendations on Communications Tower Siting, Construction, Operation and Decommissioning

Because of the increasing number of communications towers being constructed in the United States, the U.S. Fish and Wildlife Service (USFWS) is concerned with avian mortality due to bird collisions. Albert Manville of the USFWS has stated that "approximately 350 species of neotropical songbirds appear to be the most susceptible to collisions with communications towers." These birds are protected by the Migratory Bird Treaty Act of 1918 (16 U.S.C. 703 et seq.). These guidelines were prepared to assist USFWS in meeting its obligations under the Migratory Bird Treaty Act. Applicants and consultants planning communications tower projects are asked to review these guidelines and determine whether their project has incorporated any of the recommendations. While adopting the recommendations into a project design is voluntary, the recommendations are designed to minimize the risk of communications towers to birds that are protected by the Migratory Bird Treaty Act.

In order to obtain information on the usefulness of these guidelines in preventing bird strikes, and to identify any recurring problems with their implementation which may necessitate modifications, RUS would appreciate it if borrowers would please advise us of the final location, specifications of the tower, which of the measures recommended for the protection of migratory birds were implemented, and the details of the problems encountered and the solutions, if any, that the borrower incorporated. If any of the recommended measures could not be implemented, please explain why they were not feasible so we can identify work to make the guidelines more useful.

Tower Guidelines

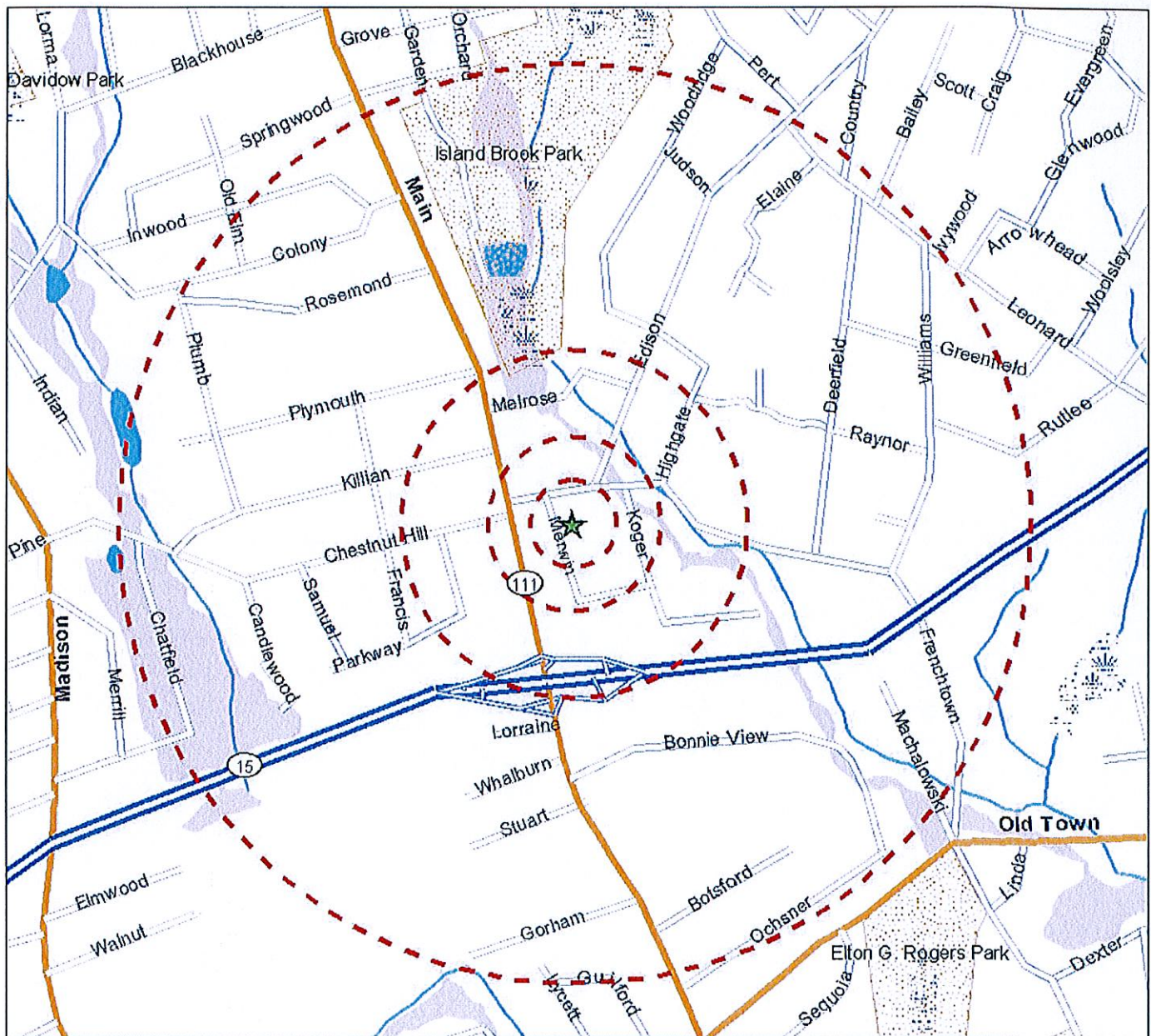
1. Any company/applicant/licensee proposing to construct a new communications tower should be strongly encouraged to co-locate the communications equipment on an existing communication tower or other structure (e.g., billboard, water tower, or building mount). Depending on tower load factors, from 6 to 10 providers may co-locate on an existing tower.
2. If co-location is not feasible and a new tower or towers are to be constructed, communications service providers should be strongly encouraged to construct towers no more than 199 feet above ground level (AGL), using construction techniques which do not require guy wires (e.g., use a lattice structure, self-supporting steel structure, etc.). Such towers should be unlighted if Federal Aviation Administration (FAA) regulations permit.
3. If constructing multiple towers, providers should consider the cumulative impacts of all of those towers to migratory birds and threatened and endangered species as well as the impacts of each individual tower.
4. If at all possible, new towers should be sited within existing "antenna farms" (clusters of towers). Towers should not be sited in or near wetlands, other known bird concentration areas (e.g., State or Federal refuges, staging areas, and rookeries) in known migratory or daily movement flyways, or in habitat of threatened or endangered species. Towers should not be sited in areas with a high incidence of fog, mist, and low ceilings.
5. If taller towers (greater than 199 feet AGL) requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white (preferable) or red strobe lights should be used at night, and these should be the minimum number, minimum intensity, and minimum number of flashes per minute (longest duration between flashes) allowable by the FAA. The use of solid red or pulsating red warning lights at night should be avoided. Current research indicates that solid or pulsating (beacon) red lights attract night-

migrating birds at a much higher rate than white strobe lights. Red strobe lights have not yet been studied.

6. Tower designs using guy wires for support which are proposed to be located in known raptor or waterbird concentration areas or daily movement routes, or in major diurnal migratory bird movement routes or stopover sites, should have daytime visual markers on the wires to prevent collisions by these diurnally moving species. (For guidance on markers, see *Avian Power Line Interaction Committee (APLIC). 1994. Mitigating Bird Collisions with Power Lines: The State of the Art in 1994.* Edison Electric Institute, Washington, D. C., 78 pp., and *Avian Power Line Interaction Committee (APLIC). 1996. Suggested Practices for Raptor Protection on Power Lines.* Edison Electric Institute/Raptor Research Foundation, Washington, D. C., 128 pp. Copies can be obtained via the Internet at <http://www.eei.org/resources/pubcat/enviro/>, or by calling 1-800-334-5453).
7. Towers and appendant facilities should be sited, designed and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint." However, a larger tower footprint is preferable to the use of guy wires in construction. Road access and fencing should be minimized to reduce or prevent habitat fragmentation and disturbance, and to reduce above ground obstacles to birds in flight.
8. If significant numbers of breeding, feeding, or roosting birds are known to habitually use the proposed tower construction area, relocation to an alternative site should be recommended. If this is not an option, seasonal restrictions on construction may be advisable in order to avoid disturbance during periods of high bird activity.
9. In order to reduce the number of towers needed in the future, providers should be encouraged to design new towers structurally and electrically to accommodate the applicant/licensee's antennas and comparable antennas for at least two additional users (minimum of three users for each tower structure), unless this design would require the addition of lights or guy wires to an otherwise unlighted and/or unguyed tower.
10. Security lighting for on-ground facilities and equipment should be down-shielded to keep light within the boundaries of the site.
11. If a tower is constructed or proposed for construction, service personnel or researchers from the Communications Tower Working Group should be allowed access to the site to evaluate bird use, conduct dead-bird searches, to place net catchments below the towers but above the ground, and to place radar, Global Positioning System, infrared, thermal imagery, and acoustical monitoring equipment as necessary to assess and verify bird movements and to gain information on the impacts of various tower sizes, configurations, and lighting systems.
12. Towers no longer in use or determined to be obsolete should be removed within twelve (12) months of cessation of use.

If you would like more information or have any questions, please contact Dennis Rankin, Environmental Protection Specialist, Engineering and Environmental Staff at 202-720-1953 or at drankin@rus.usda.gov.

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Legend

★ Project Site [Dashed Red Circle] Site Buffer at 250', 500', 1000' and 1/2 mile

See associated legend for additional map symbology

Source: See associated map legend

Land and Historic Resources Map








CTFF481/POLICE STA EDISON RD
158 Edison Road
Trumbull, CT 06611-4139

PN: 61096787











0 500 1000 feet

National Datalayers Legend*







-  National Register Historic Site
-  National Register Historic District
Source: NPS National Register of Historic Places, updated July 2008
-  National Park Service Trail
Source: U.S. National Parks Service, Various dates. NR/GIS WebSite, U.S. Dept. of the Interior, NPS, Wash., D.C. <http://science.nature.nps.gov/nrdata/index.cfm>.
-  National Scenic Parkway
-  National Wild and Scenic River
-  Federally Owned Land
Source: National Atlas of the U.S., Reston, VA, 12/05, Federal Land Features of the U.S.
-Parkways and Scenic Rivers
-Federal Lands of the United States
-  FWS Critical Habitat
Source: U.S. Fish and Wildlife Service, Various dates. FWS Critical Habitat for Threatened & Endangered Species website. U.S. Dept. of the Interior, FWS, Wash, D.C. <http://crithab.fws.gov/>.

*Includes data obtained from federal agencies developed to be consistent throughout the US.

National Wetlands Inventory

-  Stream or Creek
-  Freshwater Forested/Shrub Wetland
-  Freshwater Emergent Wetland
-  Estuarine & Marine Wetland
-  Unconsolidated Shore
-  Freshwater Lake, Pond, or River
-  Estuarine & Marine Deepwater
-  Open Water
Source: U.S. Fish and Wildlife Service, Various dates. National Wetlands Inventory website. U.S. Dept. of the Interior, FWS, Wash, D.C. <http://www.fws.gov/nwi/>.









FEMA Q3 Flood Zone

-  500-year inundation area.
-  100-year inundation area.
-  100-year inundation area with velocity hazard.
-  Area not included on any FIRM publication.
-  Undetermined but possible flood hazard area.
-  Floodway area, including watercourse extent.

No Flood Data No Flood Data Available

Source: FEMA

Connecticut - State Specific Datalayers Legend

-  CT - Natural Diversity Database Area
Source: CT DEP
Data Date: December 2009
<http://www.ct.gov/dep/gis>
-  CT - DEP Property
Source: CT DEP
Data Date: October 2009
<http://www.ct.gov/dep/gis>
-  CT - DEP Municipal and Open Space
Source: CT DEP Office of Information Management
Data Date: 1997
<http://www.ct.gov/dep/gis>
-  CT - DEP Critical Habitat
Source: CT DEP
Data Date: December 2009
<http://www.ct.gov/dep/gis>
-  CT - Aquifer Protection Area
-  Final
Source: CT DEP
Data Date: March 2010
<http://www.ct.gov/dep/gis>
-  Preliminary
-  CT - DEP Trails
Source: CT DEP
Data Date: January 2010
<http://www.ct.gov/dep/gis>

Land Based and Historic Resources Legend

EXHIBIT O

Technical Memo

To: Ray Vergati
From: Scott Heffernan - Radio Frequency Engineer
cc: Jason Overbey
Subject: Power Density Report for CTFF481B
Date: January 21, 2010

1. Introduction:

This report is the result of an Electromagnetic Field Intensities (EMF - Power Densities) study for the T-Mobile PCS/UMTS antenna installation on a Monopole at 158 Edison Road, Trumbull, CT. This study incorporates the most conservative consideration for determining the practical combined worst case power density levels that would be theoretically encountered from locations surrounding the transmitting location.

2. Discussion:

The following assumptions were used in the calculations:

- 1) The emissions from T-Mobile transmitters are in the (1940-1950),(2140-2145) & (2110-2120) MHz frequency Bands.
- 2) The antenna array consists of three sectors, with 3 antennas per sector.
- 3) The model number for GSM antenna is APX16DWW-16DWW.
- 3) The model number for UMTS antenna is APX16DWW-16DWW.
- 4) GSM antenna center line height is 140 ft.
- 4) UMTS antenna center line height is 140 ft.
- 5) The maximum transmit power from any GSM sector is 2336.25 Watts Effective Radiated Power (EIRP) assuming 8 channels per sector.
- 5) The maximum transmit power from any UMTS sector is 2330.72 Watts Effective Radiated Power (EIRP) assuming 2 channels per sector.
- 6) All the antennas are simultaneously transmitting and receiving, 24 hours a day.
- 7) Power levels emitting from the antennas are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 8) The average ground level of the studied area does not change significantly with respect to the transmitting location

Equations given in "FCC OET Bulletin 65, Edition 97-01" were then used with the above information to perform the calculations.

3. Conclusion:

Based on the above worst case assumptions, the power density calculation from the T-Mobile PCS antenna installation on a Monopole at 158 Edison Road, Trumbull, CT, is 0.05702 mW/cm². This value represents 5.702% of the Maximum Permissible Exposure (MPE) standard of 1 milliwatt per square centimeter (mW/cm²) set forth in the FCC/ANSI/IEEE C95.1-1991. Furthermore, the proposed antenna location for T-Mobile will not interfere with existing public safety communications, AM or FM radio broadcasts, TV, Police Communications, HAM Radio communications or any other signals in the area.

Worst Case Assumptions: is defined as assuming that the main lobe of the transmitting antenna is always focused at the sample point of interest. This assumes that the maximum gain is realized at this point and will yield the highest possible MPE% value possible for that given point / distance. In reality, due to the highly focused nature of the proposed antennas, most of the available energy transmitting from the proposed facility will be directed toward the horizon to best enhance the desired coverage footprint area. The net result is that a very small percentage of the available energy is directed toward the ground area in close proximity to the facility. Values seen in the immediate area of the facility will be on the order of 10 to 20 dB lower in actual value than the worst case assumption since the gain of the antenna pattern is dramatically reduced at these angles. A 10 to 20 dB reduction in power output potential equates to a value that is between 10 and 100 times lower than expected calculated values. This can be seen in the attached antenna specification sheet with associated vertical and horizontal antenna patterns.

Connecticut Market



Worst Case Power Density

Site: CTFF481B
Site Address: 158 Edison Road
Town: Trumbull
Tower Height: 150 ft.
Facility Style: Monopole

GSM Data

Base Station TX output	20 W
Number of channels	8
Antenna Model	APX16DWV-16DWV
Cable Size	1 5/8 in.
Cable Length	160 ft.
Antenna Height	140.0 ft.
Ground Reflection	1.6
Frequency	1945.0 MHz
Jumper & Connector loss	4.50 dB
Antenna Gain	18.0 dBi
Cable Loss per foot	0.0116 dB
Total Cable Loss	1.8560 dB
Total Attenuation	6.3560 dB
Total EIRP per Channel (In Watts)	54.65 dBm 292.03 W
Total EIRP per Sector (In Watts)	63.69 dBm 2336.25 W
nsg	11.6440

UMTS Data

Base Station TX output	40 W
Number of channels	2
Antenna Model	APX16DWV-16DWV
Cable Size	1 5/8 in.
Cable Length	160 ft.
Antenna Height	140.0 ft.
Ground Reflection	1.6
Frequency	2.1 GHz
Jumper & Connector loss	1.50 dB
Antenna Gain	18.0 dBi
Cable Loss per foot	0.0116 dB
Total Cable Loss	1.8560 dB
Total Attenuation	3.3560 dB
Total EIRP per Channel (In Watts)	60.66 dBm 1165.36 W
Total EIRP per Sector (In Watts)	63.67 dBm 2330.72 W
nsg	14.6440

Power Density (S) = 0.028545 mW/cm²

Power Density (S) = 0.028477 mW/cm²

8

5.7022%

Equation Used:

$$S = \frac{(1000)(grf)^2(Power)^{10^{(nsg/10)}}}{4\pi(R)^2}$$

Office of Engineering and Technology (OET) Bulletin 65, Edition 97-01, August 1997

EXHIBIT P

December 21, 2009

Ms. Jamie Ford
Project Coordinator
HPC Development, LLC
53 Lake Ave Ext.
Danbury, CT 06811

Subject: National Environmental Policy Act (NEPA) - Letter of Low Potential Impact
CTFF481 / POLICE STA EDISON RD
158 Edison Road, Trumbull, CT
EBI Project # 61096787

Dear Ms. Ford:

Attached please find our *National Environmental Policy Act (NEPA)* Letter of Low Potential Impact for the proposed telecommunications installation at the address noted above (the Subject Property). The purpose of this letter is to evaluate the above-referenced property for potential environmental and historical concerns specified by the Federal Communications Commission (FCC) in 47 CFR 1.1307.

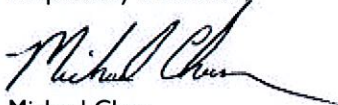
As of the date of this Report, T-Mobile Northeast, LLC, proposes to construct a new 150' (47.2m) monopole and associated equipment within a proposed 490 square foot fenced compound in the central portion of the subject property, which is an approximately 2.3 acre lot improved with the Trumbull Police Station. Additionally, municipal antennas mounted atop the monopole will bring the total height of the structure to 173'4" (52.8m). Utilities will be routed underground to the northwest, parallel to existing underground utility conduit, to an existing utility pole on Merwin Street. Access to the Project Site will be via the existing paved drive and parking area. Additional space for future lease areas (c. 1300 square feet (120.8m²)) is located to the west in the parking lot.

Based upon the results of our preliminary NEPA screening, it appears that the proposed installation will not impact any of the criteria as outlined in 1.1307(a) items (1) through (8) and preparation of an Environmental Assessment (EA) is not required; however, our Section 106 and Native American Indian consultation required under Section 1.1307(a) (4) & (5) of the FCC Rules is incomplete. Of importance, no historical resources were identified within a 0.5 mile area of potential effects and our archaeological assessment determined that it is unlikely that the proposed installation would adversely affect intact below-grade historic resources.

Based on our preliminary review and archaeological assessment, there is a low potential that the proposed undertaking will impact listed historic resources and Native American religious sites.

Thank you for the opportunity to prepare this Report, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully Submitted,



Michael Chun
Program Director
Direct# (646) 789-9206

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National Environmental Policy Act (NEPA) Screening Report

Prepared for:

T-Mobile Northeast LLC
c/o Ms. Amy English
HPC Development, LLC
5827 Shamrock Court
Hamburg, NY 14075



**CTFF481 / POLICE STA
EDISON RD**

**158 Edison Road
Trumbull, Connecticut**

EBI Project No. 61096787

Site Report Date: November 2, 2010
Updated Report Date: December 3, 2010
Updated Report Date: July 19, 2011

July 19, 2011

Mr. Hans Fiedler
T-Mobile Northeast LLC
c/o Ms. Amy English
HPC Development, LLC
5827 Shamrock Court
Hamburg, NY 14075

Subject: National Environmental Policy Act (NEPA) Screening Report
CTFF481 / Police Sta Edison Rd
158 Edison Road, Trumbull, Connecticut
EBI Project #61096787/61112256

Dear Mr. Fiedler:

Attached please find our *National Environmental Policy Act (NEPA) Screening Report*, (the *Report*) for the proposed telecommunications installation at the address noted above (the Subject Property). The purpose of this *Report* is to evaluate the above-referenced property for environmental and historical concerns specified by the Federal Communications Commission (FCC) in 47 CFR 1.1307, the T-Mobile USA Scope of Work, and general industry standards.

The Subject Property, known as CTFF481 / Police Sta Edison Rd, consists of an approximately 2.3-acre lot that is improved with the Trumbull Police Station and an existing 100-foot lattice tower. The Subject Property is located within a predominantly residential neighborhood. The police department building was constructed circa 1980.

As of the date of this *Report*, T-Mobile Northeast LLC, a Delaware limited liability company, as successor-in-interest to Omnipoint Communications, Inc., a Delaware corporation (hereinafter T-Mobile) proposes to remove the existing lattice tower and construct a new 150-foot monopole and add new equipment to the Subject Property. Six antennas (2sectors with 3 each for a total of 6 antennas) with 2 TMAs (6 total) will be mounted on double support-arm cluster mounts. Proposed antennas will be mounted at a centerline height of 140 feet above ground level (AGL). Equipment will be placed on a new concrete pad within a 490 square-foot fenced compound. Cables will be run from an existing utility pole underground to the proposed utility area and to the tower from the equipment via an ice bridge. Note that a regional dispatch platform will be mounted atop the monopole. The regional dispatch platform will consist of a 4 foot standoff T-boom antenna mount and fiberglass, slim line whip antennas. The Town will dictate the configuration of the platform. The antennas will be painted sky blue to blend with the sky background. Also, please note that the new configuration reduces the height (from the top of the tallest municipal antenna) from approximately 173-feet, 4-inches to approximately 171-feet, 6-inches above AGL.

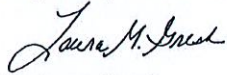
Please find the attached National Environmental Policy Act (NEPA) Checklist, NEPA Summary Report, and associated documentation for the above-referenced site. Based upon the results of our assessment, it appears that the proposed installation will not impact any of the criteria as outlined in 1.1307(a) items (1) through (8) and preparation of an Environmental Assessment (EA) for these criteria is not required.

The *Report* was completed according to the terms and conditions authorized by you. There are no intended or unintended third party beneficiaries to this *Report*, unless specifically named. EBI is an independent contractor, not an employee of either the property owner or the project proponent, and its compensation was not based on the findings or recommendations made in the *Report* or on the closing of any business transaction. Note that the findings of this *Report* are based on the project specifications provided to EBI and described in this *Report*. In the event that the

design or location of the installation changes, please contact EBI as additional review and/or consultation may be required.

Thank you for the opportunity to prepare this *Report*, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.


Respectfully Submitted,



Ms. Laura Gresh
Author/Architectural Historian




Mr. David Akerblom
Reviewer/ Program Manager
Direct# (781) 552-9086




Ms. Ashley DeCabia
Managing Consultant

Appendix A – NEPA Checklist
Appendix B – FCC NEPA Summary Report
Appendix C – Figures, Drawings, and Maps
Appendix D – NPA Checklist and SHPO Correspondence
Appendix E – Tribal Correspondence
Appendix F – Land Resources Map
Appendix G – Federal and State Fish and Wildlife Service Correspondence
Appendix H – Wetlands Map
Appendix I – FEMA Floodplain Map

	Site type (choose one): <input type="checkbox"/> Raw land <input type="checkbox"/> Tower colo <input type="checkbox"/> Other colo <input checked="" type="checkbox"/> Tower Replacement	Site ID: CTFF481 / Police Sta Edison Rd	Site Address: 158 Edison Road Trumbull, Connecticut		
NEPA Land Use Screening Checklist					
FCC NEPA Category	Consulting Agency to Contact	Check appropriate boxes below			
		No Adverse Impact	Potential Adverse Impact	Exempt from Review	NPA Applies
Designated Wilderness Areas	National Park Service, US Forest Service, Bureau of Land Management (BLM)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Designated Wildlife Preserves	National Park Service, US Forest Service, BLM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Threatened or Endangered Species & Critical Habitats	US Fish & Wildlife Service - Field Office (USF&WS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Historic Places	State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO)	<input checked="" type="checkbox"/> SHPO consultation completed	<input type="checkbox"/>	<input type="checkbox"/>	Collocation Agreement applies: <input type="checkbox"/> Nationwide Agreement Exclusion applies: <input type="checkbox"/>
Indian Religious Sites	American Indian Tribes, Bureau of Indian Affairs	<input checked="" type="checkbox"/> Tribal consultation completed	<input type="checkbox"/>	<input type="checkbox"/>	Collocation Agreement applies: <input type="checkbox"/> Nationwide Agreement Exclusion applies: <input type="checkbox"/>
Floodplain	Federal Emergency Management Agency (FEMA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wetlands & Surface Waterways	USF&WS NWI Maps US Army Corps of Engineers (ACOE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Signature:  Company: EBI Consulting
 Print name: Laura Gresh Date: July 19, 2011

FCC NEPA Summary Report
(47 CFR Subpart I, Chapter I, Sections I.1301-I.1319)

	Site type (choose one): <input type="checkbox"/> Raw land <input type="checkbox"/> Tower colo <input type="checkbox"/> Other colo <input checked="" type="checkbox"/> Tower Replacement	Site ID: CTFF481 / Police Sta Edison Rd	Site Address: 158 Edison Road, Trumbull, Connecticut
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1. Is the antenna structure located in an officially designated wilderness area?

According to a review of the Land Resources Map (Appendix F) and the Department of Agriculture's list of wilderness areas (<http://www.wilderness.net/index.cfm?fuse=NWPS>), the Project Site is not located in an officially designated wilderness area. In addition, according to EBI's review of available on-line resources, the Project Site is not located in a National Park (www.nps.gov/gis), NPS Interactive Map Center), a designated Scenic and Wild River (<http://www.rivers.gov/wildriverslist.html>), a land area managed by the Bureau of Land Management (www.blm.gov/nhp/facts/index.htm), or within 1 mile of a National Scenic Trail as identified by the National Park Service (http://www.nps.gov/nrcr/programs/nts/nts_trails.html).

2. Is the antenna structure located in an officially designated wildlife preserve?

According to a review of the Land Resources Map (Appendix F), the Project Site is not located in an officially designated wildlife preserve. In addition, according to EBI's review of available on-line resources, the Project Site is not located in a US Fish and Wildlife Service National Wildlife Refuge (<http://www.fws.gov/refuges/refugeLocatorMaps/index.html>).

3. Will the antenna structure likely affect threatened or endangered species or designated critical habitats? (Ref. 50 CFR Part 402)

EBI reviewed the Connecticut Department of Environmental Protection Natural Diversity Data Base (NDDB) map (incorporated into the Land Resources Map in Appendix F), which represents approximate locations of endangered, threatened and special concern species and significant natural communities in Connecticut. The NDDB maps are intended to be a pre-screening tool to identify potential impacts to state-listed species. Shaded areas on the NDDB maps depict approximate locations of state and federal listed species and significant natural communities. If a project falls within a shaded area, the applicant must submit an Environmental Review Request Form, a map, and a project description to the NDDB for further review. Inasmuch as the Project Site is not located within a shaded area on the NDDB map, further consultation is not required.

In addition, based on the information currently available to us, provided by the U.S. Fish and Wildlife Service (USFW) dated January 3, 2011, and a review of the listed endangered species for Fairfield County, Connecticut, no federally listed endangered or threatened species were identified in the Town of Trumbull. As such, in accordance with USFWS guidelines no further consultation is required (Appendix G).

Additionally based upon the proposed design (monopole) and height (under 199 feet AGL) it is unlikely that the proposed telecommunications installation would adversely impact migratory bird species protected under the Migratory Bird Treaty Act and the Endangered Species Act. Therefore, EBI concludes that the proposed project is unlikely to affect threatened or endangered species.

4. Will the antenna structure affect districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP)? (Ref. 36 CFR Part 800 regulations implementing Section 106 of the National Historic Preservation Act).

EBI reviewed the proposed project plans against the Exclusions of the *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process* (NPA). EBI concluded that the

proposed tower construction does not meet any of the Exclusions listed in Section III of the NPA. Therefore, consultation with the Connecticut State Historic Preservation Officer (SHPO) was required.

Based on EBI's review of files online at the National Register Information System (www.nr.nps.gov), Connecticut SHPO, one Historic Property was identified within the 1/2-mile Area of Potential Effect (APE) for visual effects of the proposed tower: the Merritt Parkway

Additionally, EBI Senior Archaeologist, Ms. Christine Kimbrough, PhD, RPA, performed an evaluation of the proposed Project Site for the likelihood of containing archaeological resources. Ms. Kimbrough concluded that there is little likelihood of encountering significant archaeological resources in association with this project as the APE-DE has been extensively disturbed by construction, paving, landscaping, and utilities placement.

EBI submitted project plans, the results of the archaeological survey, and a request for comment on FCC Form 620 to the Connecticut (CT) SHPO on December 16, 2009. In correspondence dated January 5, 2010, the CT SHPO requested that viewshed studies and photo-sims be provided from both directions of the Merritt Parkway. The requested documentation was provided to the CT SHPO, after which a balloon float and site reconnaissance was scheduled with Susan Chandler of the CT SHPO on Tuesday May 11, 2010. During this reconnaissance, an approximate four-foot diameter weather balloon was tethered to the proposed height of the facility and Ms. Chandler was escorted along the Merritt Parkway, both northbound and southbound, in proximity to the site to assess the potential view shed of proposed tower. Consistent with the visual assessment conducted by Vanessa Hangen Brustlin, Inc (VHB), the balloon was visible from the Merritt Parkway overpass associated with Interchange 84. Ms. Chandler indicated to VHB that the facility would not likely result in an adverse effect on the Merritt Parkway resource.

In correspondence dated May 26, 2010, the Connecticut SHPO concurred with the EBI/VHB conclusion of "No Adverse Effect" on historic properties.

On November 9, 2010, EBI received revised project drawings. The original project design called for a 550 square foot rectangular compound; the new design calls for a 490 square foot irregularly shaped compound. These revised drawings were forwarded to the Connecticut SHPO in a letter dated November 11, 2010. EBI's assessment remained "No Adverse Effect" on historic properties.

In correspondence dated November 15, 2010, the Connecticut SHPO again concurred with EBI's conclusion. Please see Appendix D for copies of this correspondence.

On June 16, 2011, EBI received new design plans with change in the mount of antennas. Original plans show a total of 9 antennas mounted on standoff cross arms. The revised plans show antennas (2 sectors with 3 each for a total of 6 antennas) with two TMAs (6 total) to be mounted on double support arm cluster mounts. Note that a regional dispatch platform will be mounted atop the monopole. The regional dispatch platform will consist of a 4 foot standoff T-boom antenna mount and fiberglass, slim line whip antennas. The Town will dictate the configuration of the platform. The antennas will be painted sky blue to blend with the sky background. Also, please note that the new configuration reduces the height (from the top of the tallest municipal antenna) from approximately 173-feet, 4-inches to approximately 171-feet, 6-inches above AGL. These revised drawings were forwarded to the Connecticut SHPO in a letter dated July 1, 2011. EBI's assessment remained "No Adverse Effect" on historic properties.

As of this date of this report, EBI has not received comment from the Connecticut SHPO regarding the modified design plans that were submitted on July 1, 2011. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter (30 days expires on August 1, 2011).

In the unlikely event that unanticipated Historic Properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the proposed construction and associated excavation activities, T-Mobile USA must halt activities immediately and contact the appropriate local officials and state agencies, in accordance with Federal and State regulations (36 CFR 800.13(b)).

5. Will the antenna structure affect Indian religious site(s)

Based on the requirements of the *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process* (NPA), Tribal consultation was required for this project because the proposed tower construction did not meet Exclusions A, B, C or F of the NPA.

EBI submitted documentation regarding the proposed project to the FCC's Tower Construction Notification System (TCNS). On November 27, 2009 the FCC's TCNS sent the project information to Tribes listed on their database who have interest in the state in which the project is planned. Additionally, EBI submitted follow-up requests for comment to each of the Tribes indicated by the TCNS to have a potential interest in the area of the project.

Tribal communication to date for this project is summarized in the following table.

#	Tribe Name	Initial Notification (via TCNS)	Response to Initial Contact	Second Contact Attempt	Response to Second Attempt	Third Contact Attempt	Response to Third Attempt	Action Recommended
1	Delaware Nation	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	None	January 19, 2010 (Overnight mail)	January 21, 2010 - No interest	No Further Action
2	Mashantucket Pequot Tribe	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	January 14, 2009 - No Interest	N/A	N/A	No Further Action
3	Narragansett Indian Tribe	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	None	January 19, 2010 (Overnight mail)	October 12, 2010 - Project Cleared	No Further Action
4	Delaware Tribe of Indians of Oklahoma	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	December 28, 2009 - No interest	N/A	N/A	No Further Action

Please note, in the unlikely event that unanticipated Historic Properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the proposed construction and associated excavation activities, T-Mobile must halt activities immediately and contact the appropriate tribal governments, local officials and state agencies, in accordance with Federal and State regulations (36 CFR 800.13(b)).

Correspondence between EBI and the Tribes that includes copies of the Tower Construction Notification System emails, follow-up correspondence, and Tribal responses are appended to this *Report* (Appendix E).

6. Will the antenna structure be located in a floodplain? (Ref. Executive Order 11988 and 40 CFR Part 6, Appendix A)

According to the FEMA Flood Insurance Rate Map data for Trumbull, CT (Community Map # 090017, Panel # 0010C) included on the Land Resources Map (Appendix F), the Project Site is not located within a 100-year floodplain. A review of the Flood Insight Flood Zone determination (Appendix I) confirmed that the Project Site is not located within a floodplain.

7. Will construction of the antenna structure involve significant change in surface features (e.g. wetlands, deforestation, or water diversion)? (Ref. Executive Order 11990 and 40 CFR Part 6, Appendix A)

It is EBI's opinion that no documented or potential wetlands are located at or within a 100-foot radius of the proposed tower based upon the following facts:

- Limited or no hydric vegetation was observed at the tower site and soils were noted to be disturbed and compacted. Additionally, no surface water was observed at the proposed tower site.

- According to the Fish and Wildlife Service National Wetlands Inventory (NWI) information, which is included on the Land Resources Map, no mapped wetlands are located at or within close proximity to the proposed tower site.
- According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (<http://websoilsurvey.nrcs.usda.gov/app/>), the soils in the area of the Subject Property are part of the Charlton-Urban land complex, 3 to 8 percent slopes (260B). This association consists of well drained soils with low available water capacity. These soils do not meet the characteristics of hydric soils necessary to support wetland vegetation.

The area proposed to be occupied by T-Mobile consists of basic shrubbery, grass and concrete sidewalk. The proposed construction plans do not call for the removal of mature trees; therefore, the proposed installation will not result in deforestation. According to the proposed construction plans and onsite observations, surface water body diversion will not occur.

8. Is the antenna structure located in a residential neighborhood and required to be equipped with high intensity white lights?

According to client representatives and site plans, the proposed installation will not include high intensity white lights and be located in a residential neighborhood.

9. Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 EIRP) and have antenna located less than 10 meters above the ground?

An evaluation to determine whether radiofrequency (RF) emissions standards are met was not included as part of this Report. EBI understands that client representatives will evaluate the project to ensure compliance with applicable RF standards.

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Tim OBrien

From: towernotifyinfo@fcc.gov
Sent: Friday, November 27, 2009 3:01 AM
To: lmancuso@ebiconsulting.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2359008

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. NAGPRA/CP Director Tamara Francis - Delaware Nation - Anadarko, OK - regular mail
Details: The Delaware Nation located in Anadarko, Oklahoma charges a \$400 administrative fee for the review of ALL projects. (Change Effective 1/18/2008). We prefer not to review proposed collocation projects and request not to be notified of such projects.
Send fee payable to the Delaware Nation in the form of a check or money order.
All projects for review by the Delaware Nation must pay the \$400 fee.
Please note that the Delaware Nation and the Delaware Tribe of Indians ARE NOT the same entity. Send all correspondence for the DelawareNation to 31064 North Hwy 281, Anadarko, OK 73005. ATTN: NAGPRA/CP Office.

2. THPO Kathleen Knowles - Mashantucket Pequot Tribe - Mashantucket, CT - electronic mail
Details: For every tower construction this Tribe requires a site location map, site plans for every project that will result in ground disturbance, and a detailed description of the proposed site. If the proposed tower construction is on an already existing building, the Tribe would like to be informed of that as well.

3. Cell Tower Coordinator Sequahna Mars - Narragansett Indian Tribe - Wyoming, RI - electronic mail and regular mail

4. NAGPRA Representative Dr. Brice Obermeyer - Delaware Tribe of Indians of Oklahoma - Emporia, KS - electronic mail and regular mail

Details: The Delaware Tribe of Indians of Oklahoma has had their federal recognition reinstated, and has been added to the listing of federally recognized Tribes maintained by the Bureau of Indian Affairs. Please refer to the Federal Register Notice dated August 11, 2009, to view the notice stating that federal relations have been reestablished with this Tribe. See 74 FR 40218 (Aug. 11, 2009). Thank you.

Sincerely,

Dr. Brice Obermeyer

NAGPRA Representative

Delaware Tribe of Indians of Oklahoma

c/o Emporia State University - Campus Box 4022 1200 Commercial Street Emporia, Kansas 66801

briceobermeyer@yahoo.com

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal

Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

5. SHPO John W Shannahan - Connecticut Historical Commission - Hartford, CT - electronic mail

6. SHPO Cara Metz - Massachusetts Historical Commission - Boston, MA - electronic mail

7. Deputy SHPO Brona Simon - Massachusetts Historical Commission - Boston, MA - electronic mail

8. SHPO Frederick C Williamson - Rhode Island Historic Preservation & Heritage Comm - Providence, RI - regular mail

9. Deputy SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Providence, RI - electronic mail

10. SHPO Karen J Senich - Connecticut Commission on Culture and Tourism - Hartford, CT - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 11/20/2009
Notification ID: 58281
Tower Owner Individual or Entity Name: T-Mobile USA
Consultant Name: Laura L Mancuso
Street Address: 21 B Street
City: Burlington
State: MASSACHUSETTS
Zip Code: 01803
Phone: 717-779-9683
Email: lmancuso@ebiconsulting.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 41 deg 14 min 4.0 sec N
Longitude: 73 deg 13 min 8.0 sec W
Location Description: 158 Edison Road
City: Trumbull
State: CONNECTICUT

County: FAIRFIELD
Ground Elevation: 92.7 meters
Support Structure: 42.7 meters above ground level
Overall Structure: 52.8 meters above ground level
Overall Height AMSL: 145.5 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission



Delaware Tribe of Indians

170 NE Barbara

Bartlesville, Oklahoma 74006

(918) 336-5272 FAX (918) 337-6591

December 28, 2009

EBI Consulting
Attn: Laura Mancuso
21 B Street
Burlington, MA 01803

Re: TCNS #58281, Wireless Site Name: CTFF481/POLICE STA EDISON RD, 158
Edison Road, Trumbull, Connecticut 06611-4139, New Tower, EBI Project No:
61096787

Dear Laura Mancuso:

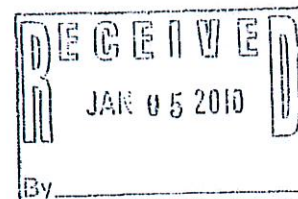
Thank you for informing the Delaware Tribe on the proposed construction associated with the above referenced project. Our review indicates that there are no religious or culturally significant sites in the project area. As such, we defer comment to your office as well as to the State Historic Preservation Office and/or the State Archaeologist.

We wish to continue as a consulting party on this project and look forward to receiving a copy of the cultural resources survey report if one is performed. We also ask that if any human remains are accidentally unearthed during the course of the survey and/or the construction project that you cease development immediately and inform the Delaware Tribe of Indians of the inadvertent discovery.

If you have any questions, please feel free to contact this office by phone at (918) 335-7026 or by e-mail at bobermey@emporia.edu.

Sincerely,

Brice Obermeyer
Delaware Tribe Historic Preservation Office
1417 West St
Emporia, KS 66801





The Delaware Nation

Cultural Preservation Office

P.O. Box 825 - 31064 State Highway 281- Anadarko, OK 73005

Phone: 405/247-2448 - Fax: 405/247-8905

NAGPRA ext. 1182
Section 106 ext. 1180
Museum ext. 1180
Library ext. 1196

Date: 1-21-10

Company: EBI Consulting

TCNS#/County/State:

58281, Trumbull, Connecticut

To Whom It May Concern:

The Delaware Nation received a letter regarding the above referenced project(s). The Delaware Nation is committed to protecting sites important to tribal heritage, culture and religion. Furthermore, the tribe is particularly concerned with archaeological sites that may contain human burial remains and associated funerary objects.

As described in your correspondence, and upon research of our database(s) and files, we find the Lenape people occupied these areas either historically or prehistorically. However, the location of the project does not endanger known sites of interest to the Delaware Nation. Please continue with the project as planned. However, should this project inadvertently uncover an archaeological site or object(s) we request that you immediately contact the appropriate state agencies, as well as the Delaware Nation (within 24 hours). Also, we ask that you halt all construction and ground disturbing activities until the tribe and these state agencies are consulted.

Please note the Delaware Nation, The Delaware Tribe Of Indians and the Stockbridge-Munsee Band of Mohican Indians are the only Federally Recognized Delaware/Lenape entities in the United States and consultation must be made only with designated staff of these three tribes. We appreciate your cooperation in contacting the Delaware Nation. Should you have questions, feel free to contact our offices at 405/247-2448 ext. 120 or by email tfrancis@delawarenation.com.

Sincerely,


Tamara Francis
Cultural Preservation Director

Michelle Egan

From: towernotifyinfo@fcc.gov
Sent: Thursday, January 14, 2010 1:15 PM
To: lmancuso@ebiconsulting.com
Cc: tcns.fccarchive@fcc.gov; KKnowles@mptn-nsn.gov
Subject: Reply to Proposed Tower Structure (Notification ID: 58281) - Email ID #2392960

Dear Laura L Mancuso,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from THPO Kathleen Knowles of the Mashantucket Pequot Tribe in reference to Notification ID #58281:

Dear Ms Mancuso,

Regarding Notification ID # 58281, based on a review of the information provided, there does not appear to be any impact on potentially significant religious and cultural resources for the Mashantucket Pequot Tribe.

Kathleen Knowles,
Tribal Historic Preservation Officer
Mashantucket Pequot Tribe

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 11/20/2009
Notification ID: 58281
Tower Owner Individual or Entity Name: T-Mobile USA
Consultant Name: Laura L Laura
Street Address: 21 B Street
City: Burlington
State: MASSACHUSETTS
Zip Code: 01803
Phone: 717-779-9683
Email: lmancuso@ebiconsulting.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 41 deg 14 min 4.0 sec N
Longitude: 73 deg 13 min 8.0 sec W
Location Description: 158 Edison Road
City: Trumbull
State: CONNECTICUT
County: FAIRFIELD
Ground Elevation: 92.7 meters
Support Structure: 42.7 meters above ground level
Overall Structure: 52.8 meters above ground level
Overall Height AMSL: 145.5 meters above mean sea level

Narragansett Indian Tribal Historic Preservation Office
Section 106 Review
Consultation Response Form

TCNS Notification ID Number:	58281
Project Name/Identifying Number (if applicable)	610916787
Consultant/Environmental Firm:	EBT Consulting
Site Address or Location Description:	158 Edison Rd
City, State:	Taunton, CT
Point of Contact	Ashley Bonavenia

Response:

- ☐ We have no comments related to the proposed project.
- ☒ NITHPO's site examination revealed no indicators of the presence of past tribal cultural resources. On behalf of the Narragansett Indian Tribe, the NITHPO considers this project in compliance with and cleared of the Narragansett Tribe's section 106 concerns. NITHPO anticipates no inadvertent encounters by you or your client with significant intact cultural resources (burials, village sites or ceremonial sites).
- ☐ Based on information provided to us the site is not to include any ground disturbance and is therefore found to be in compliance with and cleared of the Narragansett Tribe's section 106 concerns.
- ☐ NITHPO's site examination revealed probable indicators of the presence of past tribal cultural resources, and recommends the following actions:

Exception: *If archaeological materials or human remains are encountered during construction, the Narragansett Indian Tribal Historic Preservation Office and applicable Historic Preservation Office(s) will be notified.*

Sequahna C. Mars
Sequahna Mars, Project Manager, NITHPO

10/12/10
Date

Narragansett Indian Tribal Historic Preservation Office
P.O. Box 350
Wyoming, RI 02898
Email: Sequahna@yahoo.com
Phone: 401-419-2959

EXHIBIT Q

JESSE A. LANGER

PLEASE REPLY TO: Bridgeport
E-Mail Address: jlanger@cohenandwolf.com

December 23, 2009

VIA FEDERAL EXPRESS

The Honorable Timothy M. Herbst
First Selectman
Town of Trumbull
Town Hall, 2nd Floor
5866 Main Street
Trumbull, CT 06611

Re: Proposed Development of a Telecommunications Facility
158 Edison Road, Trumbull, Connecticut

Dear Selectman Herbst:

This office represents T-Mobile Northeast LLC, a subsidiary of T-Mobile USA, Inc. d.b.a. T-Mobile ("T-Mobile"). T-Mobile anticipates filing an application for a *Certificate of Environmental Compatibility and Public Need* for the construction, maintenance and operation of a telecommunications facility at 158 Edison Road, Trumbull, (the "Site"). Pursuant to Connecticut General Statutes § 16-50(e), please find enclosed a copy of the technical report regarding the Site. The technical report includes information regarding the public need for the facility, the site selection process, and the environmental effects of the facility.

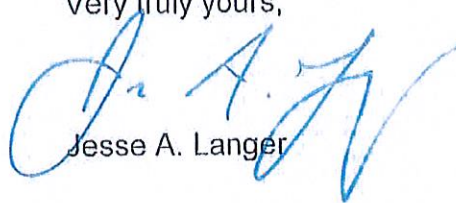
The Town of Trumbull (the "Town") may conduct public hearings and meetings as it deems necessary to provide recommendations or comments to T-Mobile concerning the proposed Site. If a hearing or meeting is scheduled, we request notice and would be pleased to provide an informational summary of the proposal. If the Town has any recommendations or comments, it must provide them to us within sixty (60) days of the receipt of this filing.

We would like to meet with you or your designee to review the proposed project and will contact you next week to set up an appointment at your convenience.

The Honorable Timothy M. Herbst
December 23, 2009
Page 2

If you have any questions, please do not hesitate to contact me directly.

Very truly yours,



Jesse A. Langer

JAL:dlm
Enclosures (2)

cc: Julie D. Kohler, Esq., (w/encl.)

bcc: Mr. Hans Fiedler (w/encl.)
Ms. Jamie Ford (w/encl.)
Ms. Amy English (w/o encl.)
Mr. Ray Vergati (w/o encl.)

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JESSE A. LANGER

PLEASE REPLY TO: Bridgeport
E-Mail Address: jlander@cohenandwolf.com

March 25, 2010

VIA FEDERAL EXPRESS AND
VIA FACSIMILE: (#1-203-227-2443)

Douglas E. LoMonte, Esq.
Berchem, Moses & Devlin, P.C.
27 Imperial Avenue
Westport, CT 06880

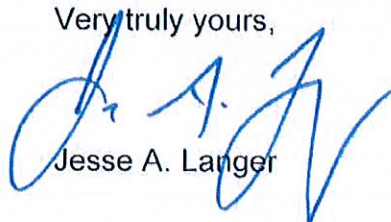
Re: Proposed Development of a Telecommunications Facility
158 Edison Road, Trumbull, Connecticut

Dear Attorney LoMonte:

Per the request of the Police Union, please find enclosed a copy of the Engineering Report, prepared by Ronald E. Graiff, P.E. Mr. Graiff prepared an independent report regarding radio frequency ("RF") exposure in connection with T-Mobile's proposal for a telecommunications facility at 158 Edison Road, Trumbull ("Facility"). The Engineering Report concludes that any RF exposure by the proposed Facility would be well within the legal standards established by the Federal Communications Commission. It is T-Mobile's hope that the Engineering Report alleviates any concerns expressed by the Police Union regarding the safety of the proposed Facility. I ask that you kindly forward the Engineering Report to First Selectman Herbst and Police Chief Kiely.

T-Mobile has engaged in a thorough, interactive consultation with the Town regarding the proposed Facility. As such, T-Mobile anticipates filing its Application for a Certificate of Environmental Compatibility and Public Need for the proposed Facility in April, 2010. Regardless, do not hesitate to contact me with any questions.

Very truly yours,



Jesse A. Langer

JAL:dlm
Enclosure

ENGINEERING REPORT

**RADIO FREQUENCY EXPOSURE REPORT
DEMONSTRATING COMPLIANCE BY MEASUREMENT
AND CALCULATION WITH THE EXPOSURE
GUIDELINES OF THE FEDERAL COMMUNICATIONS
COMMISSION BULLETIN OET-65 FOR THE
ADDITION OF A NEW MONOPOLE AND TRANSMITTING
EQUIPMENT ON AN EXISTING PUBLIC SAFETY
TRANSMISSION SITE AT TRUMBULL POLICE
HEADQUARTERS, 158 EDISON ROAD, TRUMBULL,
CONNECTICUT, SITE # CT FF481**

Prepared for

**T-MOBILE NORTHEAST, LLC
35 GRIFFIN ROAD
BLOOMFIELD, CT 06002
ATTN: HANS FIEDLER, 3G PROJECT MANAGER**

Prepared by

**Ronald E. Graiff, P.E.
Radio Frequency Consulting Engineer
52 Bogus Hill Road
New Fairfield, CT 06812
203 746 7600**

February 27, 2010

INTRODUCTION

This report was prepared on behalf of T-Mobile Northeast, LLC ("T-Mobile") to determine, by measurement, the Radio Frequency Radiation ("RFR") existing and by calculation, the combined RFR resulting from the construction of a new monopole and addition of T-Mobile GSM and UMTS transmitting equipment at The Town of Trumbull Police Headquarters, 158 Edison Avenue, Trumbull, CT. The site presently is the location of a 100 foot high tower that supports numerous public safety antennas. Upon completion of the construction of the new monopole, the existing tower will be dismantled and the public safety antennas will be relocated to the top of the new 150 foot monopole. The measurements were performed and recorded on February 24, 2010 by the undersigned and witnessed by representatives from T-Mobile, the Trumbull Police Department Union and Northeast Communications.

SUMMARY

The results of the measurements indicate that the RFR fields on the ground in the immediate vicinity of the tower, inside police headquarters and on the roof of the police headquarters building resulting from the operation of the existing radio transmitters are significantly below the non occupational standards set forth in FCC Document OET-65 (*Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields*). Specifically, at those points measured the adjusted measured field intensities varied from 3.0% to 48.9% of the Maximum Permitted Exposure ("MPE") standard for non-occupational exposure. To this percentage, the calculated MPE of the proposed T-Mobile operation of 4.7% must be added, resulting in a maximum level of non-occupational MPE of 53.6%.

It is important to note that the highest reading recorded of existing transmission systems was on the roof of the building in the immediate vicinity of a low band transmitting antenna located directly on the roof. As the proposed monopole will support this antenna, and the other antennas currently located at relatively low heights on the existing tower above the roof, on either the top or near the top of the proposed monopole, it can be expected, without hesitation, that the resulting fields from these antennas will be reduced even further. *This action, in the professional opinion of the undersigned, will result in actual levels of RF exposure less than reported herein.*

There is no question that the site, as presently configured and with the addition of the T-Mobile equipment, will be well within any local, state, federal or international exposure standards.

MEASUREMENT PROTOCOL

Measurements of MPE were made with a NARDA model 8715 survey meter and a NARDA electric field probe B8742D, both recently calibrated. The benefit of utilizing such a meter and probe combination is that any RF fields measured by the equipment are "shaped" as to the requirements of IEEE C95-1 (OET-65 requirement) and summed to read directly as a percentage of MPE. Figure 1 is the shaped exposure response that is specified in Bulletin OET-65.

The measurement protocol consisted of 7 measurements taken in the immediate vicinity of the existing tower, within the building and on the roof of the building. The existing tower is remarkable in that it supports fire department, police and town municipal transmission facilities. It was determined by observation that current emitters on the existing tower operate within the range of 30 MHz through 890 MHz well within the measurement capability of the equipment employed. Figure 2 indicates the points of measurement.

The monitoring equipment was zeroed in an RF free environment according to the manufacturer's requirements prior to the measurement procedure. During the period of measurement, the equipment was occasionally re-zeroed. Prior to each measurement, the peak hold feature was turned on and off to insure new readings at each point.

At each point the field was probed at a distance of 6 feet above the ground by utilizing a circular motion of the probe in front of the operator, while the probe, itself, was rotated about its axis to insure measurement of any off vertical axis fields. In addition the operator both approached and moved away from the structure to reduce the affects of standing waves. The peak hold feature of the survey meter was utilized to insure that the peak reading was recorded. After a reasonable period time of (minimum 3 minutes) of measurement at each point, the observer recorded the reading on the measurement equipment.

During the measurement protocol, the representative from Northeastern Communications directed operators at a nearby public dispatch point to activate radio transmitters with antennas on the tower that are not normally activated from the police headquarters building. This action resulted in measurements that took into consideration all current emitters at the site.

DATA INTERPRETATION

The raw data were taken and analyzed according to the precision in the measurement procedure. Specifically, the following modifications were made to the data. The overall precision associated with the measurements (which results from instrument limitations and accuracy as well as field interactions between the instrument and the operator) of RF power density is plus or minus 2 dB (+58%, -37%). So as to be as conservative as

possible, the recorded data were multiplied by a factor of 1.58 (58%). Table 1 is a presentation of the raw and modified measurements.

CALCULATION ANALYSIS METHOD

The methodology utilized in this report, including formulae and assumptions, is that which is specified in FCC report OET-65 "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields." This methodology is generally recognized and accepted by the world standards setting organizations for RF environments and utilizes the attenuation of any field in an inverse law fashion as in the following formula:

FOR THE FAR FIELD

$$S_{\max} = \frac{1.64(ERP)}{\pi R^2}$$

S_{\max} = Power density at point in question assumes a 100% ground reflection (resulting in a doubling of the field strength and a four-fold increase in power density)

ERP = the effective radiated power of all of the transmitters feeding the antenna

R = the slant line distance from the antenna to the point of exposure at six (6) feet above the ground

In addition the methodology assumes *that every transmitter at the site is operating continuously and at its maximum power and that all of the energy produced by every transmitter adds in perfect phase and that any energy directed toward the ground is 100 percent reflected resulting in the theoretically greatest field that can be achieved.* These assumptions are conservative since the probability of all transmitters operating simultaneously and continuously is not likely, the energy produced by each transmitter is not in phase and will not add, and the ground absorbs, not reflects, a majority of the energy directed toward it. Experience in the field has shown that the actual level of RF energy produced by the operation of facilities as proposed is much less than predicted.

The technical specifications of the proposed T-Mobile operation are indicated in Table 2 attached to this report.

CONCLUSION

This report is an analysis of the measured RF fields in the vicinity of the proposed T-Mobile monopole installation at Trumbull Police Headquarters, Trumbull, Connecticut. To these fields, the calculated expected fields resulting from the proposed T-Mobile equipment must be added. The adjusted data indicate that at any area in the immediate vicinity of the structure the maximum level of RF energy associated with the simultaneous and continuous operation of all existing transmitters at the site will be less than 48.9% of the non occupational safety criteria adopted by the FCC as mandated by the Telecommunications Act of 1996. To this level, the calculated fields of the proposed operation of 21 micro watts per square centimeter (GSM) and 26 microwatts per square centimeter (UMTS), which corresponds to 4.7% MPE, must be added, resulting in a combined maximum exposure of 53.6% MPE of the non occupational exposure limits and less than 53.6% of the non occupational exposure limits of ANSI, IEEE, NCRP and the limits of all states that regulate RF exposure.

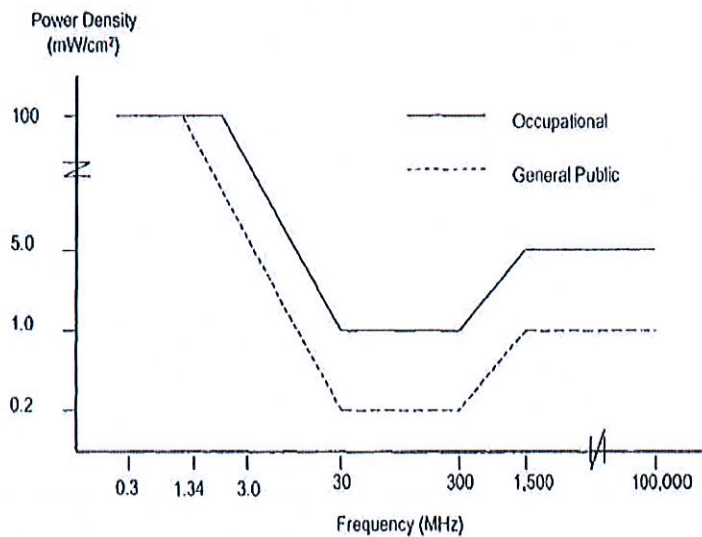
There is no doubt that the site when constructed will be well below the guidelines of FCC Bulletin OET-65 and in full compliance with Federal and State regulations.

FIGURE 1

SHAPED EXPOSURE LIMITS FROM FCC BULLETIN OET-65

Frequency Range (F) (MHz)	Occupational Exposure (mW/cm ²)	General Public Exposure (mW/cm ²)
0.3 - 1.34	100	100
1.34 - 3.0	100	$180 / F^2$
3.0 - 30	$900 / F^2$	$180 / F^2$
30 - 300	1.0	0.2
300 - 1,500	$F / 300$	$F / 1500$
1,500 - 100,000	5.0	1.0

The diagram below provides a graphical illustration of both the FCC's occupational and general population MPE limits.



Because the FCC's RF exposure limits are frequency-shaped, the exact MPE limits applicable to the instant situation depend on the frequency range used by the systems of interest.

TABLE 1
PERCENT OF MPE ADJUSTED
Raw data multiplied by 1.58

MEASUREMENT POINT	RAW DATA (%MPE)	ADJUSTED DATA (%MPE)
1	1.9	3.0
2	5.0	7.9
3	6.3	9.95
4	5.1	8.06
5	5.7	9.01
6	4.7	7.43
7	31.0	48.9

TABLE 2

PROPOSED SITE OPERATING PARAMETERS¹

GSM

NUMBER OF RADIO CHANNELS	6/sector/ max
SECTORS	3
EFFECTIVE RADIATED POWER PER CHANNEL	299.9 Watts
TRANSMITTER POWER OUTPUT PER CHANNEL	< 20 Watts
TRANSMIT ANTENNA CENTER HEIGHT ABOVE GROUND	150 Feet
ANTENNA TYPE	APX-16DWV
FREQUENCY	1945 MHz

UMTS

NUMBER OF RADIO CHANNELS	2/sector/ max
SECTORS	3
EFFECTIVE RADIATED POWER PER CHANNEL	1196 Watts
TRANSMITTER POWER OUTPUT PER CHANNEL	< 40 Watts
TRANSMIT ANTENNA CENTER HEIGHT ABOVE GROUND	150 Feet
ANTENNA TYPE	APX-16DWV16DWV
FREQUENCY	2150 MHz

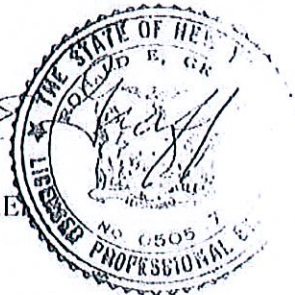
¹Information provided by T-Mobile Northeast, LLC

AFFIDAVIT

COUNTY OF FAIRFIELD)
)
STATE OF CONNECTICUT)

Ronald E. Graiff, being first duly sworn, deposes and states that he is a Licensed Professional Engineer in the State of New York; that he is a graduate electrical engineer with a Bachelor of Science in Electrical Engineering from The Pennsylvania State University; that he is familiar with the guidelines for human exposure to electromagnetic emissions that have been adopted by the FCC; and that he has performed many power density measurements of the type presented herein. He further states that this engineering report has been prepared for T-Mobile Northeast, LLC to determine RF exposure levels by measurement and calculation in the vicinity of a proposed monopole installation at Trumbull Police Headquarters, Trumbull, Connecticut. He further states that the measurements and calculations contained therein were performed by him and that the statements contained therein are true of his own personal knowledge except to those stated to be on information and belief and, as to those statements, he believes them to be true and correct.

Ronald E. Graiff, P.E.



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JESSE A. LANGER

PLEASE REPLY TO: Bridgeport
E-Mail Address: jlanger@cohenandwolf.com

July 15, 2011

**VIA REGULAR MAIL AND
ELECTRONIC MAIL**

Mario F. Coppola, Esq.
Berchem, Moses & Devlin, P.C.
27 Imperial Avenue
Westport, CT 06880

**Re: Proposed Development of a Telecommunications Facility
158 Edison Road, Trumbull, Connecticut**

Dear Attorney Coppola:

I write with respect to the telecommunications facility proposed by T-Mobile Northeast LLC ("T-Mobile") at 158 Edison Road, Trumbull, Connecticut ("Facility"). This letter summarizes the changes to the Facility after the extensive municipal consultation T-Mobile undertook with the Town of Trumbull ("Town").

General Statutes § 16-50/ (e) requires T-Mobile to consult with the Town over a 60 day period prior to filing an Application for Certificate of Environmental Compatibility and Public Need for a telecommunications facility. That 60 day period commences upon the date T-Mobile files a "technical report" with the Town. T-Mobile filed its technical report with the Town on December 23, 2009.

With the technical report, T-Mobile explained its need for the Facility and introduced the Facility in its initial configuration, as proposed at 158 Edison Road, Trumbull, Connecticut ("Property"). T-Mobile currently experiences a coverage gap along Route 15, Main Street and Highgate Road, as well as the areas surrounding the Property. Additionally, the Town expressed a need to replace the existing 100 foot lattice tower located on the Property, which is outdated and insufficient to address the Town's fire, police and emergency services communication needs. The Town has stated that it would need a new regional dispatch platform situated atop the monopole. According to the Town, a platform for emergency services at this height would allow the Town to overcome the topography of the area, as well as provide much needed coverage and allow for future growth. The Town specified the design for the regional dispatch platform.

Mario F. Coppola, Esq.

July 15, 2011

Page 2

The Facility's initial configuration included a 150 foot monopole, with T-Mobile's antennas mounted on T-arms at 140 feet above grade level ("AGL"). The regional dispatch platform would sit atop the monopole and included 3 whip antennas at 10'3", 4 whip antennas at 17'6", 2 dipoles at 10'5" and 1 dipole at 23'4". The regional dispatch platform would consist of a circular platform with a walkway for maintenance workers. The total height of the Facility to the top of the tallest municipal antenna would be approximately 173'4" AGL.

T-Mobile determined that the Property was an excellent candidate for the Facility because (1) the Property is developed and currently serves as the Town's police station; (2) the Property hosts an existing 100 foot lattice tower in need of replacement; (3) T-Mobile could replace the existing lattice tower and provide the Town with a new structure for its emergency services equipment; and (4) the Facility would have a minimal impact on the environment.

T-Mobile confirmed that the Property was an excellent site for the Facility with an extensive environmental and visual evaluation. T-Mobile conducted an additional balloon float at the request of the State Historic Office ("SHPO") to determine whether the Facility would have an adverse impact on sensitive visual receptors such as the Merritt Parkway. On May 26, 2011, the SHPO opined that the Facility would not have an adverse impact.

Despite the comprehensive environmental assessment and the favorable SHPO opinion, T-Mobile engaged in an extensive consultation with the Town – a consultation well beyond that required by the General Statutes. This consultation spanned more than 18 months, including many meetings with Town officials and the community, as well as the retention of an independent radio frequency ("RF") consultant. The RF consultant performed a field study and concluded that the Facility would produce RF emissions well below any local, state, federal or international exposure standards and would reduce some of the current exposure levels as the municipal equipment would be elevated to a greater height on the proposed Facility. T-Mobile also vetted the surrounding area for possible alternative sites, including an investigation of possible locations proposed by community participants.

As a result of this consultation, T-Mobile and the Town have agreed to reconfigure the Facility to reduce the visual impact as much as possible. The reconfiguration of the Facility (and, to some extent, the initial configuration) also accommodates a variety of requests made by members of the community. The reconfiguration includes the following:

1115 BROAD STREET
P.O. BOX 1821
BRIDGEPORT, CT 06601-1821
TEL: (203) 368-0211
FAX: (203) 394-9901

158 DEER HILL AVENUE
DANBURY, CT 06810
TEL: (203) 792-2771
FAX: (203) 791-8149

320 POST ROAD WEST
WESTPORT, CT 06880
TEL: (203) 222-1034
FAX: (203) 227-1373

657 ORANGE CENTER ROAD
ORANGE, CT 06477
TEL: (203) 298-4066
FAX: (203) 298-4068

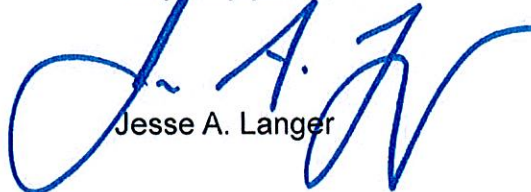
Mario F. Coppola, Esq.
July 15, 2011
Page 3

1. T-Mobile would utilize flush mounting for its antennas, as opposed to T-arms;
2. T-Mobile would include privacy slats in the fencing to shield the Facility compound;
3. T-Mobile's equipment would be surrounded by an 8 foot fence;
4. T-Mobile's cables would be installed inside the monopole so that the cables are not visible above 6 feet AGL;
5. T-Mobile would only use lighting for the Facility when a technician performs maintenance on the Facility, which would normally occur during the day;
6. T-Mobile would construct the Facility to comply with all applicable codes (building, etc.);
7. T-Mobile's equipment would comply with State and local noise standards;
8. The Town would use a slim profile platform as opposed to the walk-around platform;
9. The Town would use fiberglass, slim line whip antennas, as opposed to dipoles, for the regional platform;
10. The Town would paint the regional platform antennas sky blue to blend with the sky background;
11. The Town would reduce the overall height of the Facility from 173'4" to 171'6" by reducing the height of the regional platform antennas; and
12. The Town would reduce the height of many of the whip antennas on the regional platform as follows: 3 whip antennas at 3'2", 2 whip antennas at 9'6", 4 whip antennas at 16" and 1 whip antenna at 21'6".

Mario F. Coppola, Esq.
July 15, 2011
Page 4

T-Mobile's proposed Facility is the product of an extensive consultation with the Town's officials, the Town's consultants and the community. The reconfigured Facility incorporates several stealth measures, which will help minimize the visual impact of the Facility.

Very truly yours,



Jesse A. Langer

EXHIBIT R

FAA Aeronautical Evaluation

Police Station
Edison Rd.
CTFF481

For more information contact:
faa@sitesafe.com
770.205.1173 phone
703.997.8605 fax



SITE SPECIFIC EVALUATION FOR

Client Site Name: Police Station Edison Rd.

Client Site Number: CTFF481

Client Site Location: Trumbull CT.

Client/Requestor Name: Jamie Ford

Date: 3/4/10

Company Name: T-Mobile

Address: 35 Griffin Rd, S.

Address: Bloomfield, CT. 06002

This is an evaluation based on application of surfaces identified in Federal Aviation Regulation (FAR) Part 77 and Federal Communication Commission (FCC) Rules Part 17.

EXECUTIVE SUMMARY OF FINDINGS

- **The maximum height that can be built at this site without notice to the FAA is 200 feet AGL or 522 feet AMSL.**
- Maximum No Extended Study height at this site is 497 AGL, or 819 AMSL.
- Maximum No Hazard height at this site is 500 AGL, or 822 AMSL.
- Maximum no marking and lighting height at this site is 200 AGL, or 522 AMSL.

SITE DATA SUBMITTED FOR STUDY

Type of Structure:	Antenna
Coordinates of site:	Lat: 41° 14' 3.67"
	Long: 73° 13' 7.54"
	Datum: NAD 83
Site Ground Elevation:	322
Total Height above the ground of the entire structure (AGL):	173
Overall height of structure above mean sea level (AMSL):	495

Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.

AIRPORT AND HELIPAD INFORMATION

Nearest public use or Government Use (DOD) facility is Igor I Sikorsky Memorial.

This structure would be located 5.9 NM or 36329 FT from the airport on a bearing of 135 degrees true to the airport.

Nearest private use facility is General Electric.

This structure would be located 1.9 NM from the helipad on a bearing of 238 degrees true to the helipad.

FINDINGS

AM Facilities:

(The FCC protects AM transmission stations from possible electro magnetic interference for a distance of 1.9 statute miles(SM) for directional facilities, and .6 statute miles(SM) for non-directional facilities. Any antenna structures within these distances will most likely require a detuning evaluation of the site) (Sitesafe offers a full range of detuning services)

For a free analysis of this site against the most current FCC data, go to our AM evaluation web site at <http://sitesafe.com>. A negative certificate can be generated, (on-line) if no conflict is found. If a conflict is found, our AM Detune department will contact you to discuss the findings.

This site was evaluated against the FCC's AM antenna database, and is not within an AM transmission area.

FCC Notice Requirements:

(FCC Rules, Part 17)

This structure does not require notification to the FAA or FCC based on these rules.

FAA EMI:

(The FAA protects certain air navigational aids and radio transmitters from possible electro-magnetic interference. The distance and direction are dependent on the type of facility be evaluated. Most of these transmission and receiver facilities are listed in the National Flight Data Center (NFDC) database.)

This site would not affect any FAA air navigational aids or transmitters listed in the NFDC database.

Military Airspace:

This structure will not affect this airspace.

Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.

FAA Evaluation:

FAR Part 77 paragraph 13 (FAR 77.13). Construction or Alteration requiring notice:
(These are the imaginary surfaces that the FAA has implemented to provide general criteria for notification purposes only.)

This structure does not require notification to the FAA.

FAR Part 77 paragraph 23 (FAR 77.23). Standards for Determining Obstructions:
(These are the imaginary surfaces that the FAA has implemented to protect aircraft safety. If any of these surfaces are penetrated, the structure may pose a Hazard to Air Navigation.)

This structure does not exceed these surfaces.

MARKING AND LIGHTING

FAA Advisory Circular 70/7460-1

Marking and lighting is not required for this structure.

RECOMMENDATIONS OR ACTIONS

Sitesafe does not consider this site to be a hazard to air navigation as specified in FAR part 77.

☐ FAA Form 7460-1 accomplished.

☐ State notification accomplished.

Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.